

# ABDELLATEF AHMED BAKR

MECHANICAL POWER ENGINEER

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📍 Alamerya , Alexandria , Egypt

## EDUCATION

### College degree

● Faculty of Engineering , Alexandria University , Egypt

- Bachelors degree of mechanical power engineering
- Graduation date : June 2013
- Grade: Very good with honour degree (79.81%)
- Graduation Project Degree : Excellent

### Graduation project

● Upgrading of condensate stabilization system at Abu Qir Petroleum plant

- Designed and selected main plant equipment ( drums , heat exchangers, pumps , compressors , stabilizer and flare system )
- Performed complete modeling of onshore plant using HYSYS software
- Designed raw feed pipelines

## WORK EXPERIENCE

### Al-motaheda for Engineering and Maintenance CO.

● 10.2016 : Present

- Repairing and preventive maintenance for earth moving equipment ( Wheel Loader , Bulldozer , Excavator and Dump Truck )
- Repairing and overhaul engines ( CAT , GM , YANMAR , Perkins , Deutz , Cummins )
- Repairing and overhaul transmission
- Repairing and complete overhaul for electric generators
- Repairing hydraulic circuits , hydraulic pumps and pistons
- Performed complete overhauling for 785C Mining Truck at Sukari Gold Mining Co.

### Egyptian Armed Forces

● 1.4.2014 : 1.10.2016

- Served as reserve lieutenant
- Performed maintenance and troubleshooting of power generating units at Air Defence Stations
- Worked at maintenance military section for 2 years

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## TRAINING

### West Delta Electric Production Co.

- June 2011
- Operation of compound thermal power stations

### Transport and Engineering CO. , Nisr Tires

- August 2010
  - Operation and maintenance of tires production lines
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## ADDITIONAL COURSES

- Autodesk Inventor Software at Jelecom Centre
  - PLC Course at Alpha Group Centre
  - American Language English Course at MODLI Alex
  - Pumps and Compressors Basics at Engineering Syndicate
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## SKILLS

### Language Skills

- Arabic : Native Language
- English : Very good ( writing ) , Good ( Speaking & Reading)

### Computer Skills

- Preparing spare parts list using Caterpillar Service Information System (SIS) Software
- Diagnose existing and potential problems using Caterpillar Electric Technician Diagnostic (ET) Software
- Microsoft Office Suite
- Drawing Using AutoCAD 2D and 3D
- Qualified in Autodesk Inventor Software
- Programing Using Matlab Software and building GUI for design calculations

### Personal Skills

- Analytical Thinking
  - Problem-solving skills.
  - Willing and able to learn the latest trends to stay relevant in the field.
  - Very good hand skills
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